INFORMATION DISCLOSURE STATEMENT
PTO Form 1449

(Stamp: IPE — JAN 31 2002 — PATENT & TRADEMARK OFFICE)

(Stamp: RECEIVED FEB 0 5 2002 Technology Center 2600)

Docket Number	Serial Number
1202.021US1	09/897,765

Applicant(s)
S. Kryukov, et al.

Filing Date	Group Art Unit
July 2, 2001	2624

U.S. PATENT DOCUMENTS

EXAMINER INITIALS	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE (IF APPROPRIATE)
✓		5,367,385	11/22/94	Yuan	358	465	
✓		5,454,051	09/26/95	Smith	382	233	
✓		5,495,538	02/27/96	Fan	382	233	
✓		5,521,718	05/28/96	Eschbach	358	432	
✓		5,734,757	03/31/98	Kim	382	261	
✓		5,737,451	04/07/98	Gandhi, et al.	382	268	
✓		5,802,218	09/01/98	Brailean	382	275	
✓		5,819,035	10/06/98	Devaney , et al.	395	200.32	
✓		5,850,294	12/15/98	Apostolopoulos, et al.	358	433	
✓		5,852,475	12/22/98	Gupta, et al.	348	606	
✓		5,883,983	03/16/99	Lee, et al.	382	268	
✓		5,920,356	07/06/99	Gupta, et al.	348	606	
✓		5,974,197	10/26/99	Lee et al	382	268	
✓		6,151,420	11/21/00	Wober et al.	382	275	
✓		6,167,164	12/26/00	Lee	382	261	

FOREIGN PATENT DOCUMENTS

EXAMINER INITIALS	REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION YES	TRANSLATION NO
✓		EP 0 808 068 A2	11/19/97	EPO	H04N	7/30	X	
✓		EP 0 881 837 A1	12/02/98	EPO	H04N	7/30	X	
✓		EP 0 886 444 A2	12/23/98	EPO	H04N	7/30	X	
✓		EP 0 884 911 A1	12/16/98	EPO	H04N	7/30	X	
✓		EP 0 998 146 A1	05/03/00	EPO	H04N	7/30	X	
✓		EP 1 001 608 A2	05/17/00	EPO	H04N	7/30	X	
✓		WO/97/01151	01/09/97	PCT	G06T	5/00	X	
✓		JP 11-298898	10/29/99	JP	H04N	7/30	X	

OTHER DOCUMENTS

✓	Wallace, G. K., "The JPEG Still Picture Compression Standard," *Communications of the ACM* Vol. 34(4) April 1991; 31-44.
✓	Hu, J., et al., "Removal of Blocking and Ringing Artifacts in Transform Coded Images," *IEEE Transactions on Consumer Electronics,* Vol. 4, 1997; 2565-2568.
✓	Itoh, Y., "Detail-preserving Noise Filtering Using Binary Index," *SPIE* Vol. 2666, 1996; 119-130.
✓	Datcu, M., et al., "Histogram Analysis of JPEG Compressed Images as an Aid in Image Deblocking," *Proc. DCC '95 Data Compress. Conf.,* 1995; 425.
✓	Castagno, R., et al., "A Rational Filter for the Removal of Blocking Artifacts in Image Sequences Coded at Low Bitrate," *Proc. VIII European Signal Processing Conference (EUSPICO)* 1999.
✓	Castagno, R., et al., "A Simple Algorithm for the Reduction of Blocking Artifacts in Images and its Implementation," *IEEE Transactions on Consumer Electronics*, Vol. 44(3) August 1998; 1062-1070.
✓	Smith, A.R., "Color Gamut Transform Pairs," *Computer Graphics*, Vol.12 (3) August 1978; 12-19.
✓	Ramponi, G., et al., "Interpolation of the DC Component of Coded Images Using a Rational Filter," Proc. 4th *IEEE Int. Conf. Image Processing*, April 21-24, 1997; 389-392.

Examiner: *(signature)*	Date Considered: 5/12/04

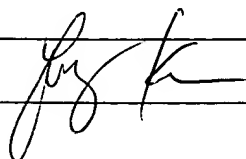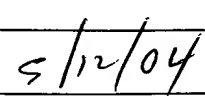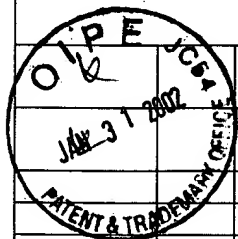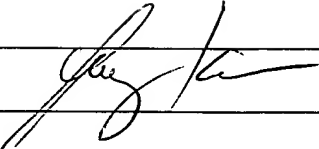| INFORMATION DISCLOSURE STATEMENT
PTO Form 1449 | Docket Number
1202.021US1 | Serial Number
09/897,765 |
| | Applicant(s)
S. Kryukov, et al. | |
| | Filing Date
July 2, 2001 | Group Art Unit
2624 |

Scognamiglio, G., et al., "Picture Enhancement in Video and Clock-coded Image Sequences," *IEEE Transactions on Consumer Electronics*, Vol. 45(3), August 1999; 680-689.

Inoue, A., et al., "Adaptive Quality Improvement Method for Color Images, " *NEC Res. & Develop.*, Vol. 35(2) April 1994; 180-187.

RECEIVED

FEB 05 2002

Technology Center 2600

| Examiner: | Date Considered: 5/12/04 |